

19990115.ba v02\_n382.bam.990115

>From ???@??? Sat Jan 16 05:27:53 1999  
Message-Id: <199901160429.WAA13918@sco.theporch.com>  
Date: Fri, 15 Jan 1999 22:29:02 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 2382

BOATANCHORS Digest 2382

Topics covered in this issue include:

- 1) 1625 tube sockets, need has been filled  
by jim lockwood <jmlckwd@mindspring.com>
- 2) Looking for RUT965IMI  
by AviDov@aol.com
- 3) Re: "Kurier" (burst transmission)  
by "Ragnar Otterstad" <otterstad@inet.uni2.dk>
- 4) Military Manuals for FRC-93 (Collins KWM-2/30L-1) online....  
by Michael Crestohl <mc@sover.net>
- 5) De-Gassing Power Tubes  
by David Stinson <arc5@ix.netcom.com>
- 6) AM receivers  
by Norm Flasch <flasch@cushy.ece.nwu.edu>
- 7) ANOTHER BA BOOK FOR MATH-HEADS.....  
by "Tom R. Rice" <tomrice@netcom.com>
- 8) speaker design s/w  
by Brian.Harris@sv.sc.philips.com (Brian Harris)
- 9) BAs FS  
by don merz <71333.144@compuserve.com>
- 10) HP-410C Multimeter  
by "Edward J. White" <wa3bzt@dpnet.net>
- 11) Need Globe Champion Coil Set  
by "Andrew E. Howard, Sr." <sweetbay@compuserve.com>
- 12) Re: speaker design s/w  
by Bob Roehrig <broehrig@admin.aurora.edu>
- 13) On line tube info  
by "Deane D McIntyre" <dmcintyr@ucalgary.ca>
- 14) BAswaplist  
by thompson@mindspring.com
- 15) Conditioning tubes, how to?  
by jim lockwood <jmlckwd@mindspring.com>
- 16) NAVSHIPS 900,116  
by "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>
- 17) (no subject)  
by JOHN\_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 18) Re: AM receivers, home consoles

by Kargokult@aol.com  
19) Shack cleaning  
by Kevin Gallagher <wire2liv@gomontana.com>  
20) Re: Hi-Fi AM Receivers  
by Jderm740@aol.com

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Message-Id: <3.0.1.32.19990115004516.006d6c90@pop.mindspring.com>  
Date: Fri, 15 Jan 1999 00:45:16 -0800  
To: Old Tube Radios <boatanchors@theporch.com>  
From: jim lockwood <jmlckwd@mindspring.com>  
Subject: 1625 tube sockets, need has been filled  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang,

Thanks to the several of you with well stocked junque boxes who answered my request for a 1625 tube socket! There is now one on the way to me.

73,

Jim - k4ccf

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From: AviDov@aol.com  
Message-ID: <e4c75c1.369ed83c@aol.com>  
Date: Fri, 15 Jan 1999 00:55:08 EST  
To: Old Tube Radios <boatanchors@theporch.com>  
Mime-Version: 1.0  
Subject: Looking for RUT965IMI  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Re your IM post for 392 help:  
I couldn't get my keyboard to write until I figured out why and by then you were gone.  
Not even sure I've got your address right. Please try again on EM or IM.  
73

---

Message-ID: <011e01be4076\$338ab700\$0300a8c0@cyber>  
From: "Ragnar Otterstad" <otterstad@inet.uni2.dk>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "Old Tube Radios" <boatanchors@theporch.com>  
Subject: Re: "Kurier" (burst transmission)  
Date: Fri, 15 Jan 1999 11:35:18 +0100  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The system is described in detail in Arthur Bauer ( PA0AQB) s book on U-boot  
DF.

Can be ordered by email from the publisher :

HLIEBICH@aol.com

Price DEM 65 + shipping.

The book is in German but has many photos so it would be interesting even  
you are not fluent in German.

73 Rag OZ8R0

>  
>Thanks for the very informative reply. That certainly eliminated the use  
of a  
>wire recorder as the main component of the system.  
>  
>\*\*\*\*\*  
>Richard wrote:  
>  
>> The "Kurier" burst transmission system was used by the Kriegsmarine  
>> commencing about 1944  
>  
>-----  
>  
>Regards,  
>Jerry Proc VE3FAB jproc@idirect.com  
>Web: www3.sympatico.ca/hrc/haida  
>HMCS HAIDA Naval Museum, Toronto Ontario  
>  
>  
>  
>

-----  
Message-Id: <199901151157.GAA22173@garnet.rovers.net>  
Date: Fri, 15 Jan 1999 07:02:01 -0500  
To: Old Tube Radios <boatanchors@theporch.com>

From: Michael Crestohl <mc@sover.net>  
Subject: Military Manuals for FRC-93 (Collins KWM-2/30L-1) online....  
Cc: The Boatanchors List <boatanchors@theporch.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang:

Have been lurking in the background for a few months so posts from me have been few and far between.....

We just moved into a new townhouse in Burlington's (VT) New North End and there are no antenna restrictions so I expect to be back on the air very soon. I would like to pass on some interesting information to all Collins KWM-2/2A and 30L-1 owners or those interested in this equipment.

Thanks to Tom Norris KA4RKT the military manuals for this station, known in military nomenclature as the FRC-93 is available in Adobe Acrobat .PDF format at the following Web site:

[ftp://boatanchors:tubes@fernblatt.dynip.com/PDF\\_Manual\\_Project/KWM2/](ftp://boatanchors:tubes@fernblatt.dynip.com/PDF_Manual_Project/KWM2/)

Just click on this or plug it into your Web browser and download away. Be advised that it might take several hours - some of those .PDF files are BIG!, especially those with photographs. You will also find several other interesting manuals on the site such as those for the R-390, R-390A and R-392 as well as the 30L-1. Since these are military manuals and not copyrighted it is perfectly legal and acceptable for Tom or anybody else to freely distribute these.

If you don't have the excellent Adobe Acrobat reader it is also available on the same site - just go to the higher level directory (I believe two up) and look for a directory called ACROREAD. You will find the reader program there. It is free of charge!

ENJOY!

73 and a belated Happy New Year to all!

73,

Michael Crestohl, W1RC  
mc@sover.net

PS: You might want to drop a note to Tom <mailto:badger@telalink.net> and thank him for his efforts.

-----  
Message-ID: <369F5899.71088DC0@ix.netcom.com>  
Date: Fri, 15 Jan 1999 09:02:49 -0600  
From: David Stinson <arc5@ix.netcom.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: De-Gassing Power Tubes  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I'm posting this in the hope it will save some tubes from the junk pile. We've sort-of talked around this issue before.

I find a lot of RF power tubes that have been sitting in attics and chicken housed for decades. Most will contain at least some gas, since it continually outgasses from the tube elements and even impurities in the glass.

I've had some success "degassing" them by getting the plates hot for several hours-- a fix suggested by several people. I'm told that getting them to glow will do the job better and faster.

Has anyone else saved power tubes from the trash can this way?

73 DE Dave Stinson AB5S  
arc5@ix.netcom.com

-----  
From: Norm Flasch <flasch@cushy.ece.nwu.edu>  
Message-Id: <199901151550.JAA11348@cushy.ece.nwu.edu>  
Subject: AM receivers  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Fri, 15 Jan 1999 09:50:53 -0600 (CST)  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

Reading the posts about good AM receivers brings back a few memories. I once had a McIntosh AM-FM stereo tuner. This was about '62 vintage and had completely independent AM and FM tuners. The (short lived) idea

is that you could achieve stereo by broadcasting one channel of a stereo program on AM and the other on FM. This was just before multiplex was introduced. I think this tuner was a MC-525 or something like that. Anyway, the AM section had a four position selectable bandwidth switch. Sounded quite nice. I'm now sorry that I sold it (many years ago now).

The Magnavoxes are certainly very good sounding AM receivers and one of my favorites. Many of them had 2-12" speakers and hefty output stages. I have one with lacquered brass faceplates in the bedroom with a separate FM tuner and two tuning eyes. I picked up another Magnavox this summer that is somewhat smaller. This one has 2-12" pm speakers with tweeters and 4-6V6 outputs. Needs a recap and is missing one of the preset buttons. But, despite the fact that I am running out of room, could not pass this 200lb gem for \$5.00. I sadly see Magnavox chassis at the swap meets less cabinets all too often. But, people don't want to deal with the weight.

I have seen a HH Scott tuner or two with selectable AM bandwidth. But, these are rare. Heath also made a seperate AM only tuner in the early 50's.

Another thing to remember about AM radio is that almost all of the popular music through the 60's was introduced and played on AM, not FM. FM was classical and elevator during this time period. So radios of this vintage were designed to sound good on AM.

--

Norm Flasch        Electronic Specialist        ECE dept  
Northwestern University        Evanston, Illinois  
flasch@ece.nwu.edu                847-467-4387

-----  
From: "Tom R. Rice" <tomrice@netcom.com>  
Message-Id: <199901151824.KAA08539@netcom18.netcom.com>  
Subject: ANOTHER BA BOOK FOR MATH-HEADS.....  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Fri, 15 Jan 1999 10:24:23 -0800 (PST)  
MIME-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit

>  
> "Network Analysis and Feedback Amplifier Design"  
> by Hendrik Bode, Ph.D., pub Nostrand Co., New York,  
    ^^^^^^^^^^^^^^

That's Bode, the Nihilist, if I'm not mistaken!

(Believe it, I've worked with "engineers" who thought the Bode Plot was a political act!)

Excellent work, well worth the struggle, even if you're not a math-head, which I'm definitely not.

73 de WB6BYH

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"Start off every day with a smile and get it over with." --W.C.Fields

Tom R. Rice

tomrice@netcom.com

-----  
Mime-Version: 1.0  
Date: Fri, 15 Jan 1999 12:38:58 -0800  
Message-ID: <0021A3AA.1914@svlima.sv.sc.philips.com>  
From: Brian.Harris@sv.sc.philips.com (Brian Harris)  
Subject: speaker design s/w  
To: Old Tube Radios <boatanchors@theporch.com>  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: 7bit  
Content-Description: cc:Mail note part

I am looking for low cost or shareware speaker and crossover design software to aid in the development of a enclosure and system to be driven by Williamson EL34's and a bank of Collins, Hallicrafters, Hammarlund, Military, National, RME and TMC receivers.

73, Brian

-----  
Date: Fri, 15 Jan 1999 14:06:40 -0500  
From: don merz <71333.144@compuserve.com>  
Subject: BAs FS  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <199901151408\_MC2-66CC-525@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: 7bit  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

Boatanchors For Sale

CONTACT: Don Merz, N3RHT: 47 Hazel Drive, Pittsburgh, PA 15228.  
71333.144@compuserve.com

E.H. Scott Allwave 12 Deluxe single dial short wave receiver s/n D192. This is a 1931-vintage 12-tube chrome chassis single dial radio with separate power supply/audio chassis. This is currently in a Majestic console cabinet which is somewhat scratched and scuffed. But the Scott chrome is VG or excellent. Complete except for 3 knobs missing. Includes good Wunderlich Detector tube. Most other tubes are Arcturus globes. Audio amp has 2 globe 45's in it. Untested. Needs power cord. Looks fine. With manual copy and lots of other Scott info. \$365 picked up in Pittsburgh, PA or \$400 plus actual shipping costs. Will ship with or without cabinet.

RCA ACR-175 Receiver. 1936 General Coverage receiver for 500kc-62mc in big black wrinkle finish metal cabinet. The front panel features a large, round "airplane" dial in the center and 2 tuning eyes to the left and right--ah-ha--fooled you, one of the "tuning eyes" is fake--put there by RCA just to balance out the look of the front panel--do you believe that? This is in good cosmetic condition overall but the concentric tuning knobs are wrong and there is some finger wear around the tuning knob. But paint is original and in very good shape. No modifications. Good looking radio. I have powered this up exactly once and my notes say that this was in 1996. As I recall it worked well enough to show that it was worth a good electrical restoration. With original manual. The tube lineup is 4-6K7, 1-6L7, 2-6J7, 1-6H6, 1-6F5, 1-6F6, 1-5Z4 and (just)1-6E5. \$230

Squires-Sanders FM-Alert monitor receivers. Tunable FM monitor radios, one covering hi-band and one lo-band. Tunable with slide-rule dial or 2-channel crystal selectable from front panel. Very pretty styling. With original owners manuals that unfortunately have no schematics or service info. One works and one doesn't. Both are all original and look great. \$40/pair  
Astatic D-104 microphone on the "G" PTT stand. Nice non-amplified D-104 but the "G" stand base has been spray-painted black. \$30

Military RA-1B HF receiver made by Bendix. This is a somewhat rare WWII-era Navy receiver covering .15 to 15mc in 6 bands. The radio is in very good or excellent condition but the band change knob is cracked. A few mods have been done with no unoriginal holes and the original parts are taped inside the case. With homebrew power supply, correct power connector and manual copy. Untested but presumed to work. Band change linkage does not engage the way it should and bands don't change. The tube lineup is 1-6K6G, 5-6K7G, 1-6R7G and 1-6L7G. \$190

LS-3 speaker. Famous WWII speaker used with BC-342 receiver and possibly others. Heavy steel box. This one has been painted white! Driver untested but assumed to work. Has original tag (painted over). This is a painting project. \$35

Military AN/SRR-11,-12,-13 and AN/FRR-21,-22,-23 connectors. Three 2-pin audio connectors, used: \$10 each. Two brand new power connector assembly sets (you assemble and add cable): \$20 each. Or trade for power/audio connectors for my AN/URA-8A CV-89 TTY demodulators (these are Amphenol AN3106-14S-7P (audio), AN3106-14S-7S (power) and AN3106-14S-9S (TTY--need 2 of these). ONLY ONE POWER AND TWO AUDIO LEFT

CN-287/TRM-1 attenuator (12db, BNC to BNC) CBVQ: \$5 PPD

Military ARC-5/SCR-274N command set modulator connectors. This is the rare



big 18-pin connector for the command set modulator. Brand New.  
\$9.00 each. 10 left to sell.

Matching Unit-Base MX-6707/VRC with whip antenna and vehiclular mounting bracket. This is made by Hy-Gain (says the tag). The matching unit is sheltered in the cylindrical mount. The switch on the matching unit has 10 frequency ranges covering 30-76mc. A connector for a remote control and a BNC connector are provided. This is a 75 ohm antenna--not 50 ohms. Must've cost us taxpayers a fortune. Whip sections are 6-feet long and this whole thing is heavy (say 40 pounds) so this will be no fun to ship. \$40

AB-24/GR top antenna section. \$2

AB-21/GR antenna section. 5 to sell. \$2 each

MS-117A mast sections. 5 to sell. \$2 each

MS-116A mast sections. 5 to sell. \$2 each.

CW-50/TRC-7 canvas roll for antenna sections and generator seat, stakes, etc. Very good condition. \$13

SC-D-189025 cylindrical mount/shelter for the MX-6707/VRC whip antenna. No mounting bracket. With M-442 cable connector bracket and connector. Excellent condition. \$9

Military C-2536/SRA-17 "Control, Antenna." Part of antenna group AN/SRA-17 (which includes antenna AT-924/AR and tuner TN-334/SRA-17). This is a control box for the VLF antenna used with the 1955-vintage Navy SRR-11 VLF receiver. Covers 14kc-600kc according to the controls on the front. This is just the control box, no antenna or tuner is included. Probably only useful to someone who wants to add authenticity to their SRR-11 setup. \$8

Ohmite Ohms Law Calculator. Original 1941 version of the cardboard ohms law slide-rule. Good condition. Trade for any other radio-related slide rule calculator or \$11 PPD

Ohmite Parallel Resitance/Ohms Law calculator. Later 1949 version of the ohms law cardboard slide rule has Parallel Resistance calculator on one side and ohms law calculator on the other. I have 3 of these all in good shape to trade for any other radio-related cardboard calculator silde-rule calculator or \$8 PPD

Sylvania crystal diodes brochure and catalog, 1958. 12 pages. Good. \$5 PPD

Allied 1952 Catalog, some wear on spine and a few dog-eared pages. But very good overall. \$18 PPD

1960 Allied Radio Catalog. Cover wear but very nice overall. \$18 PPD

CONTACT: Don Merz, 47 Hazel Drive, Pittsburgh, PA 15228  
71333.144@compuserve.com

-----  
Message-ID: <001701be40c9\$bf8940c0\$3095a4d1@default>  
From: "Edward J. White" <wa3bzt@dpnet.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: HP-410C Multimeter  
Date: Fri, 15 Jan 1999 15:58:03 -0500  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang:  
I am looking for a manual on a HP-410C with the 11036A AC probe. Any help??  
Ed  
WA3BZT  
wa3bzt@dpnet.net

-----  
Date: Fri, 15 Jan 1999 16:50:36 -0500  
From: "Andrew E. Howard, Sr." <sweetbay@compuserve.com>  
Subject: Need Globe Champion Coil Set  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <199901151651\_MC2-66D0-D32@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Disposition: inline

Hello to all,

A friend of mine recently acquired a Globe Champion 175 transmitter and is  
in the process of restoration. He is needing some coil sets. Although he  
would like more than one band he is mainly interested in 80 meters.

Can anyone help? If you don't have the coils to sell, does anyone have the  
specifications so he might construct some?

Thanks and best regards,

~~~~~  
Andrew E. (Andy) Howard, Sr., WA4KCY  
105 Sweet Bay Lane  
Carrollton, Georgia 30116-8519  
Telephone 770-832-0202  
AMI #9 - Southeastern Division Director  
Web Page URL -  
<http://ourworld.compuserve.com/homepages/sweetbay>  
<><  
~~~~~

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Keeper of the Hallicrafters SX-88 Owners List

-----  
Date: Fri, 15 Jan 1999 16:25:39 -0600 (CST)  
From: Bob Roehrig <broehrig@admin.aurora.edu>  
To: Old Tube Radios <boatanchors@theporch.com>  
cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: speaker design s/w  
Message-ID: <Pine.ULT.3.96.990115162424.17476G-100000@admin.aurora.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 15 Jan 1999, Brian Harris wrote:

> I am looking for low cost or shareware speaker and crossover design software to  
> aid in the development of a enclosure and system to be driven by Williamson  
> EL34's and a bank of Collins, Hallicrafters, Hammarlund, Military, National, RME  
> and TMC receivers.

I have software for BASIC for designing closed box enclosures and  
crossovers. Be glad to get it to you.

"Nostalgia is a thing of the past"  
E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI  
CIS: Data / Telecom Aurora University, Aurora, IL  
630-844-4898 Fax 630-844-5530

-----  
Date: Fri, 15 Jan 99 15:50:28 -0700  
Message-Id: <9901152250.ZZ032002@acs6.acs.ucalgary.ca>  
From: "Deane D McIntyre" <dmcintyr@ucalgary.ca>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: On line tube info

Gang:

Many moons ago the National Bureau of Standards (now NIST) published a  
book entitled Tabulation of Data on Receiving Tubes. The edition I have  
is dated 1967. They listed the US tubes currently available, one line per  
tube, in the style of the tube tables in the old ARRL Handbooks, with  
some additional info such as bulb size. The listing was divided into two  
sections, one a numerical listing going from 0A2 to 117Z6GT followed by the  
four digit tubes, and a second by tube type (i.e. twin triode, pentode,  
pentagrid converter etc).

As this material is a work of the US government it is not, to the best of  
my knowledge, subject to copyright. The bad news is that it was reproduced  
from a (1967!) computer printout and thus is not the most legable book

in the world. However, a sample page scanned fine. I am wondering which format is best for most people on the list. I have put a sample page on my website in .pdf format (requires the free Adobe Acrobat reader available at <http://www.adobe.com> to read and print).

Anyhow go to <http://deane.bio.ucalgary.ca/tube.pdf> and let me know what you think. This contains the data for 6JL8 to 6KT8 and is 1MB in size.

73, Deane D McIntyre VE6BP0  
dmcintyr@ucalgary.ca

-----  
From: thompson@mindspring.com  
Message-ID: <000c01be40dc\$a3be67e0\$033c56d1@default>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BASwaplist  
Date: Fri, 15 Jan 1999 18:13:14 -0500

My mail has dropped the @ address for BASwaplist. Can someone clue me in.

73 Dave K4JRB

-----  
Message-Id: <3.0.1.32.19990115185836.00695f30@pop.mindspring.com>  
Date: Fri, 15 Jan 1999 18:58:36 -0800  
To: Old Tube Radios <boatanchors@theporch.com>  
From: jim lockwood <jmlckwd@mindspring.com>  
Subject: Conditioning tubes, how to?  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang,

I've hit a point of maximum confusion (so what else is new?) and, as usual, am turning to the collective wisdom and experience of this group for help.

In short, I want to know how to "condition" tubes that have been and continue to be stored such that they don't become gasey.

Inspiration for this question comes from two sources: 1. I have a set of sweep tubes that are definitely gasey, but which are otherwise OK (as far as I can tell). 2. I have read the ER article on this subject, duplicated the test setup as well as I can, and have been unsuccessful at eliminating the gas condition from the sweepers.

Background: I have a mobile amplifier that uses sweep tubes, a P&H LA-500M "Spitfire". It works fine and I bought some spare tubes for that day when its performance tapers off. As soon as I turned on the plate current to

the amp with a set of the spare tubes installed, all 6 tubes lit up purple and the plate current meter pegged. Oh, and I think my heart skipped a half a dozen beats also.

So, I built a fixture in which I can "burn-in" one tube at a time under controlled conditions. These conditions are: 250 V on the plate, dropping resistor between plate and G2 which results in about 150V on this grid, G1 supplied with fixed (but adjustable) bias such that tube idles at 75% of its maximum rated plate dissipation. I let the tube run for 24 hours, per the recommendation in the ER article.

Even so, my TV-7 indicates that the tube is still gasey after 24 hours of running. Also, when I put a "conditioned" tube in the amplifier, and turn on the high voltage, plate current begins to creep upwards after a few seconds. This latter condition makes no sense to me because the plate current was absolutely stable for the 24 hours I had the tube in my fixture.

Clearly, then, my fixture and burn-in method has not been effective. I don't know why, though.

Anyone who reads the ER article (November '93, P2) and compares my fixture to the one described will note that the article advocates bias from a cathode resistor (or zener) and running at only 25% of rated plate dissipation. I couldn't duplicate the setup in the article with the equipment I have here, so I improvised. Now, am I wrong to believe that the getter in a tube doesn't care how the tube is operated just as long as the tube gets hot? Surely, the getter doesn't care whether the tube is supplied with fixed bias (as I used) versus bias from a cathode resistor or zener (per the ER article).

So, what, then is going on here? Do I just have such an awful set of tubes that I need to run each one for more than 24 hours before it will be usable? Am I missing something really fundamental?

Expiring minds want to know....

Thanks and 73,

Jim - k4ccf

-----  
Date: Fri, 15 Jan 1999 19:36:38 -0500  
From: "ROBERT W. DOWNS" <RWDowns\_WA5CAB@compuserve.com>  
Subject: NAVSHIPS 900,116  
To: Old Tube Radios <boatanchors@theporch.com>  
Message-ID: <199901151936\_MC2-66D4-D462@compuserve.com>

MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Disposition: inline

Group,

NAVSHIPS 900,116, Catalogue of Electronic Equipment, is the apparent successor to SHIPS 275, Catalogue of Radio Equipment, the Navy's equivalent to TM 11-487. The version that I just received on loan includes Supplement No. 5, dtd 1 October 1952. I have been asked to make copies for several collectors (and will make one for myself of course!). I thought that I would post a note before I started in case anyone else might be interested.

=

I don't know what the page count is yet (every entry starts over at page = 1) but the manual is about 3" thick. When I get through counting the pages,=

I'll decide on a price. Copying is probably going to take several days, = so I'm guessing \$50.00 plus. If anyone thinks that they would be interested=

under those guidelines, contact me direct. I'll wait a week or so for replies.

73,  
Robert Downs  
WA5CAB  
Houston, TX

-----  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit  
Date: Fri, 15 Jan 1999 19:32:24 -0500 (EST)  
To: Old Tube Radios <boatanchors@theporch.com>  
From: JOHN\_SEHRING.parti@ecunet.org (JOHN SEHRING)  
Message-ID: <9901151932.aa01427@pcusa01.ecunet.org>

To: boatanchors@theporch.com

I've unearthed a very old type 80 rectifier tube.

It hasn't got the traditional "double bulb" shape of the 80's I've seen. It has an inverted cone shape & round top that looks like the shape of all the early (ca. 20's) tubes I've seen. Internal construction is also very different from later 80's. Says on base, "Majestic G - 80 -".

Checks aok on my ancient emission type tube tester.

Is this worth something extra? Thanks.

-John Sehring ( 2:15 pm Fri, Jan 15, 1999 @ Custer SD USA) UCC WB2EQG  
"Live long and prosper" --John 10:10b

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From: Kargokult@aol.com  
Message-ID: <a256e77a.369ff52a@aol.com>  
Date: Fri, 15 Jan 1999 21:10:50 EST  
To: Old Tube Radios <boatanchors@theporch.com>  
Mime-Version: 1.0  
Subject: Re: AM receivers, home consoles  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

In a message dated 99-01-15 10:51:42 EST, flasch@cushy.ece.nwu.edu writes:

> I sadly see Magnavox  
> chassis at the swap meets less cabinets all too often. But, people  
> don't want to deal with the weight.

---i see consoles at junqtique sales, where there's an interesting looking am-sw, and maybe fm tuner / amp together with an old record-eater player in a huge "home entertainment console". i've thot before about just making an offer on the tuner itself, and maybe hiring a cabinet shop to build a table top type cabinet for it. the consoles i'm talking about are around late 1940s, and with the record eater, huge size and big weight, i wouldn't think any moderns would be interested in taking that home. i wonder what happens when the thing doesn't sell? dump ?? there's a Midwestern Radio console i've seen at a local junqtique place, of course it won't sell, that interests me cuz i've read a bunch of Midwestern Advertizing propaganda, and this company was one that liked to use big bunches of tubes in their sets and had nifty things like color coded bandsread bands. oops, this would not be among the "top AM receivers " of course, but maybe among the top home receivers of the day. seems to me that they deserve to keep playing on, as long as they're willing ( with a little help.)  
hue

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Message-ID: <369FFB8D.1AEE6173@gomontana.com>

Date: Fri, 15 Jan 1999 19:38:05 -0700  
From: Kevin Gallagher <wire2liv@gomontana.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Shack cleaning  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have started cleaning up my shop and have the following to offer to the list. I have a spare rack cabinet excess to my needs. It is 15" deep, 21" wide and 14 inches tall. I had a R-388 in it with about a 2" spacer above it. It has a lift cover with a small crease and would need a new paint job, but all in all a nice cabinet, 40.00 plus shipping from 59027. I also have a spare tube box for a BC-191, it is wooden and typical mil. construction. If someone needs it to complete their 191 set up, it will cost you 5.00 plus shipping from above. I learned a lot from you list members this year! Please keep the knowledge flowing for us neophytes. Take care, Kevin

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From: Jderm740@aol.com  
Message-ID: <2a16ea77.36a01566@aol.com>  
Date: Fri, 15 Jan 1999 23:28:22 EST  
To: Old Tube Radios <boatanchors@theporch.com>  
Mime-Version: 1.0  
Subject: Re: Hi-Fi AM Receivers  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

To one and all

I have been reading all these posts about AM receivers but I haven't heard anyone mention Fisher. For a little history (which may not be complete).

Avery Fisher was a frustrated classical musician who was never going to get to Carnegie Hall except with a ticket. But his love of classical music drove him to desing and build hi-fi equipment (radios, amplifiers) in the 1930s. He sold these to friends and others who were looking for the best sound possible. I don't know what he did during WW2. He might have been in service or he might have been manufacturing items for the war effort.

After the war he began mfg in earnest and was advertised in all the eletronic mag's of the 50s and 60s. In the late 60s he began selling kits for his tuners, amps and preamps. He favored the connected modular systems.

In the late 60s or earlier 70s, when the Samuria came calling he sold out for a pile of money. Dollars not Yen. When Lincoln Center was built there was one music hall that was terrible. The sound was a mess because the designer knew nothing about sound. Fisher was so mad that he took his own money and had the entire interior stripped and redone with his own selection of designers.

The job was so successful that they renamed the hall for him.



It is known now as "The Avery Fisher Hall at Lincoln Center".  
So if you can find a Fisher tuner at a tag sale, grab it. The schematics are  
in Sam's and Riders.  
Enjoy  
Jack

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End of BOATANCHORS Digest 2382  
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